

ABSTRACT

A transmitter (100) simultaneously notifies a start of providing identification codes to controlled devices (21 to 2n) using a first identification code provision start signal. A delay unit (130) notifies a  
5 second identification code provision start signal to only the controlled device (21) adjacent to a controller (10). After a level detector (240) detects the first and the second identification code provision start signals, an ID provider (250) provides identification codes based on a header identification code to be provided to the self device and the  
10 number of the identification codes to be provided to the self device. A delay unit (230) sequentially notifies the second identification code provision start signal and an identification code provision end signal to the controlled device adjacently connected at a farther side from the controller than from the self device.